

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant : | Robin R. Miles, et al. | Docket No. : | IL-10406B |
| Serial No. : | | Art Unit : | |
| Filed : | | Examiner | |
| For : | Impedance Measurements for Detecting Pathogens Attached to Antibodies | | |

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Kindly amend the above identified application, which is a division of
Application S.N. 09/737,542, filed December 14, 2000, as follows:

In the Title:

Change the title to read -- Method for Detecting Pathogens Attached to
Specific Antibodies --

In The Specification

Paragraph bridging pages 1 and 2 (page 1, line 16 to line 9 of page 2),
amend to read as follows:

-- One typical method of detecting pathogens is to detect whether or not
they attach to specific antibodies. The antibodies are typically flourescently

labeled and this increases in fluorescence is detected optically. Multiple pathogen detection has been accomplished by immobilizing antibodies on a surface, and then introducing pathogens in a fluid to the surface. The pathogen binds to the surface and then are detected by optical means.

Recently, impedance measurements across adjacent electrodes has been utilized to detect the presence of trapped pathogens, and such an approach has been described and claimed in co-pending application Serial No. 09/738,927, filed December 13, 2000, entitled "Using Impedance Measurements For Detecting Pathogens Trapped In An Electric Field", assigned to the same assignee. --

Change page number "17" to read -- 16 --.

In The Claims:

Claims 10-21, cancel.